



U.S. Army Non-Lethal Capability On point, Defending Freedom

**2002 International Infantry & Small Arms
Symposium,
Exhibition & Firing Demonstration**

**21st Century Military Operations and
Technology**

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OUTLINE



- **DoD NLW Policy**
- **Organizations and Roles**
- **Non Lethal Capabilities Set**
- **Fielding Support**
- **Summary**




Why Non-Lethal?

DoD Directive 3000.3, 9 Jul 96

Policy for Non-lethal Weapons (NLW)

... **Designates** ... Commandant of the Marine Corps
Executive Agent for the DoD NLW Program ...

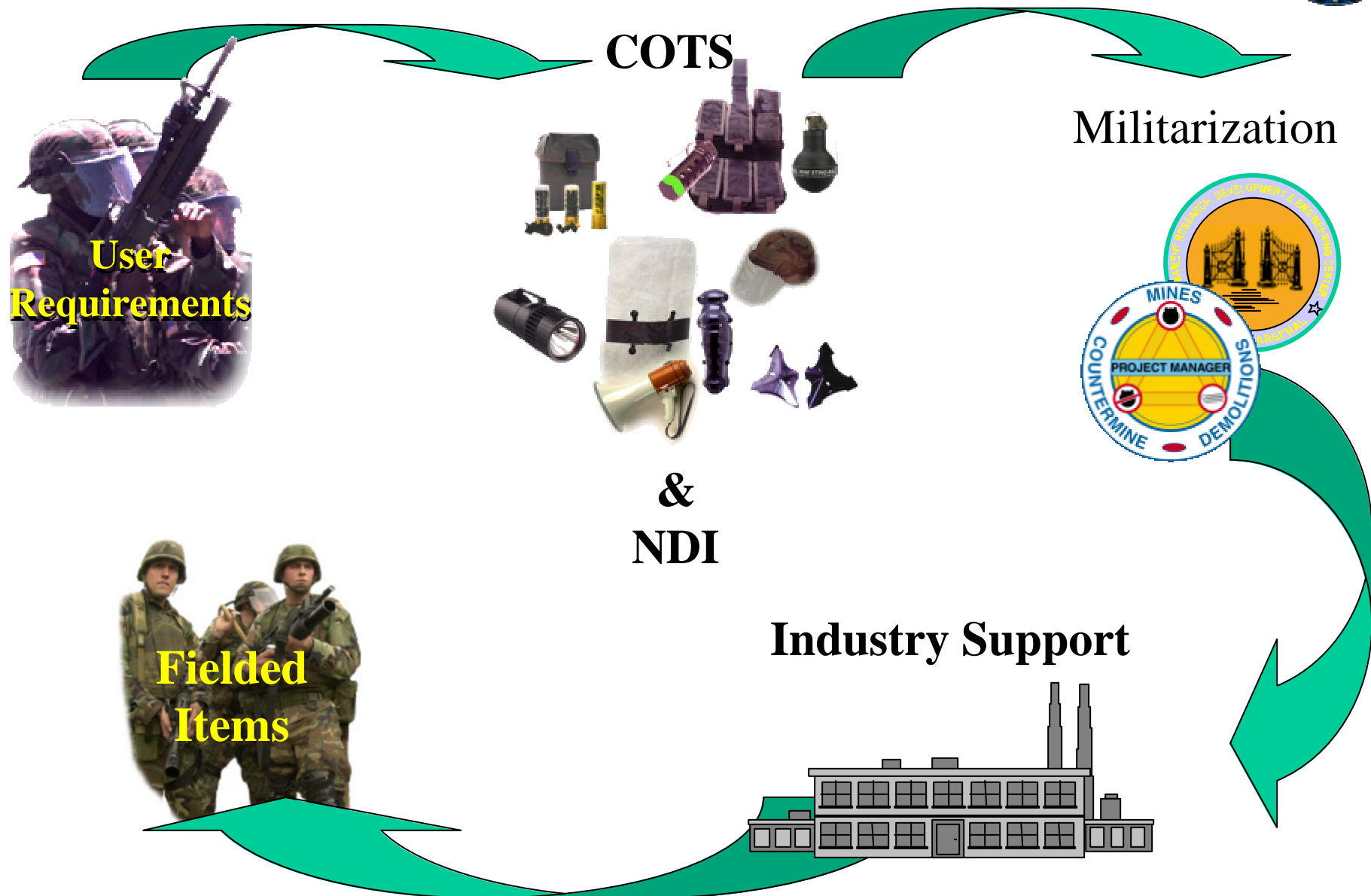
... **Defines NLW** ... “weapons that are explicitly design
and primarily employed so as to incapacitate personnel
or materiel, while minimizing fatalities, permanent 
injury to personnel, and undesired damage to property
and the environment.”

... **Directs** ... Services to participate in NLW program





NLCS/Industry Partnership





- *Versatile Package of COTS, GSA & NDI Items as Well as Materiel Released Capabilities*
- *CINC Requested & DA Directed Program to Procure & Field 30 Sets in FY00 – 05*
- *Operational Requirements Document in Staffing*



Currently 45 Items

1. - Munitions
2. - Individual Protective Equip.
3. - Individual Enhancement Equip.
4. - Mission Enhancement Comp.
5. - Training Components



Individual Protective Equipment

In Modern Peacekeeping scenarios the soldier is required to maintain a highly visible and vulnerable position. The Non Lethal Capabilities Set is designed to provide the soldier with the means to avoid injury during civil confrontations.



**Non-Ballistic Riot Face Shield
Non-Ballistic Riot Body Shield
Non-Ballistic Riot Shin Guards**

**Ballistic Face Shield
Ballistic Body Shield
Ballistic Shin Guards**





Individual Enhancement Devices



Individual Enhancement Devices are items of general issue that provide the soldier with the means to carry his non-lethal munitions and insure his personal protection

Hickory Riot Baton

Individual RCA Disperser

Disposable Restraints

Individual Voice Amplification System-M

Individual High Intensity Light

12 GA Utility Pouch

12 GA Buttcuff

Diversionary Grenade Pouch

40mm Pouch





Munitions



The Non-Lethal Capabilities Set contains a wide range of specialized munitions to provide the field commander with variety of options for any situation

Refill, CR Riot Control Agent

5.65 Point Round

5.65 Area Round-XM95

12 GA Point Round-M1012

12 GA Area Round-M1013

12 GA Diversionary Round

12 GA Launching Cup Cartridge

40mm Sponge Point Round-M1006

40mm Area Round

Diversionary Hand Grenade-M84

Rubber Ball Hand Grenade

66mm Area Round-XM99

66mm Diversionary Round-XM9866mm

RCA Round-L96E1

Modular Crowd Control Munition-M5



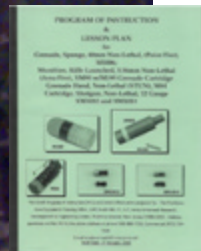


Training Devices

The proper use and deployment of the Non-Lethal Capability Set runs counter to the normal doctrines and training that govern war. Familiarization with these new devices and techniques are essential.



**12 GA Dummy Round
L97E1 – 66mm Training Round
Inert Individual RCA disperser
Riot Training Suit
Riot Training Bag**





Mission Enhancement Devices



Mission Enhancement Devices provide additional capabilities for Force Protection, Area Denial and Command and Control

Portable Bullhorn

Ground Mounted Bullhorn

High Intensity Light Kit

Batteries and Replacement Lamps

Mid-sized RCA Disperser-M37

12 GA Launching CupLVOSS-M315

Portable Vehicle Arresting Barrier-M1

Caltrops





An Urgent Need – A Growing Demand!



- Since 1995 the Army Has Increasingly Recognized the Need for Scalable Effects Capabilities for SASO & PSO Missions.*
- Since March of 2000, OPM-MCD Has Been Working to Meet That Need W/ the Army's First Non-lethal Capabilities Set (NLCS).*



*April 2000
TFF, KFOR, Kosovo
(MG Caldwell)*



*June 2001
USA FORSCOM
(MG Caldwell)*



*June 2001
TFE, SFOR, Bosnia
(MG Caldwell)*



*April 2002
SOUTHCOM, Guantanamo Bay
(MG Thompson)*



*January 2002
ARCENT, Kuwait
(MG Thompson)*

Operation Enduring Freedom!



Summary

The face of war is changing and OPM MCD is partnering with Industry to meet the challenges of tomorrow's battlefield leading the way with advanced systems.

- Non Lethal Program is Guided by DoD Directive
- Technology Evolution will continue to support Transformation